

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A portable radiation imaging system comprising:

a radiation source; and

a two dimensional radiation image detection device that records a radiation image by detecting the radiation emitted from said radiation source and is transmitted through a subject;

wherein both said elements are structured to be carriable, further comprising

an angular signal output means that outputs an angular signal which represents the degree of tilt of the radiation emitted from said radiation source in relation to the detection surface of said radiation image detection device; and

a tilt adjustment means that adjusts said tilt of the radiation in relation to the detection surface of the radiation image detection device to become substantially perpendicular by changing the tilt angle of said radiation source based on said angular signal output from said angular signal output means.
2. (canceled).
3. (canceled).

4. (currently amended): A radiation imaging system according to ~~any one of claim 1, 2, or 3~~ further comprising a portable shift means that enables horizontal movement of the radiation source.

5. (currently amended): A radiation imaging system according to ~~any one of claim 1, 2, or 3~~, further comprising a portable shift means that enables horizontal movement of the radiation image detection device.

6. - 9. (canceled).

10. (previously presented): A radiation imaging system according to claim 1, wherein said image detection device comprises a stimuable phosphor sheet.

11. - 14. (canceled).

15. (previously presented): A radiation imaging system according to claim 1, wherein said image detection device is located at a distance from a subject being imaged.

16. - 19. (canceled).

20. (previously presented): A radiation imaging system according to claim 1, wherein said tilt adjustment means comprises screws or geared teeth.

21. (previously presented): A radiation imaging system according to claim 4, wherein said shift means comprises screws or geared teeth.

22. (previously presented): A radiation imaging system according to claim 1 comprising a scattered ray removal grid board adjacent to the radiation image detection device which prevents the occurrence of false images and enhances image reproducibility after radiation has been transmitted through a subject.

23. - 26. (canceled).

27. (previously presented): A radiation imaging system according to claim 1, wherein said angular signal output means is an electronic level or a projection style angle sensor.

28. - 31. (canceled).

32. (previously presented): A portable radiation imaging system according to claim 1, wherein said angular signal output means is integral with said two dimensional radiation image detection device.

33. (previously presented): A radiation imaging system according to claim 27, wherein said electronic level is integrally mounted on said two dimensional radiation image detection device.

34. - 36. (canceled).